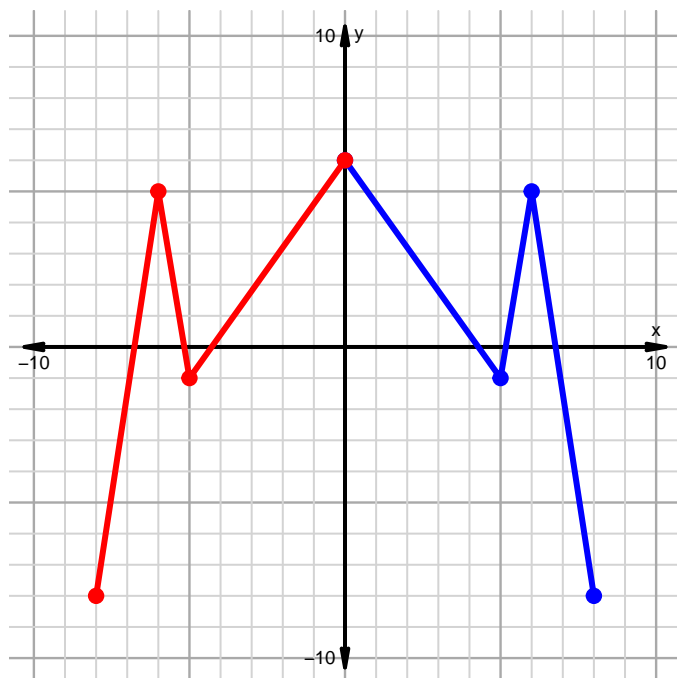


Name: \_\_\_\_\_

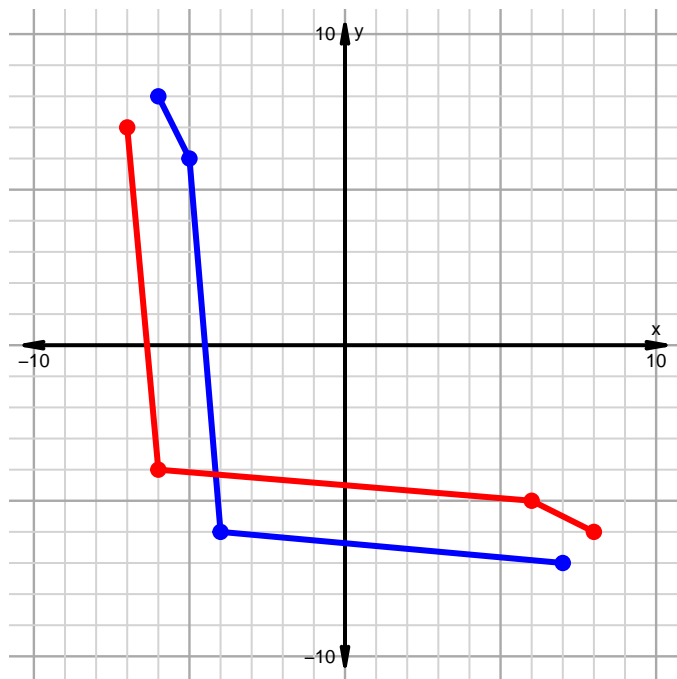
Date: \_\_\_\_\_

### Inverse, Even, Odd, Domain, Range Solution (version 45)

1. You've been given part of  $y = f(x)$ . Sketch the other half to make  $f$  **even**.

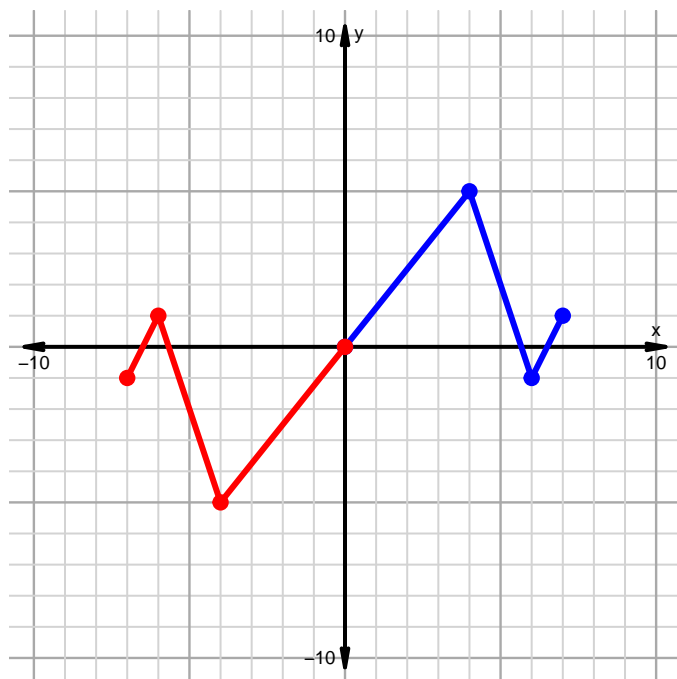


2. You've been given a graph of  $y = f(x)$ , with a few key points indicated. Please sketch  $y = f^{-1}(x)$ , where  $f^{-1}$  is the **inverse** of  $f$ .

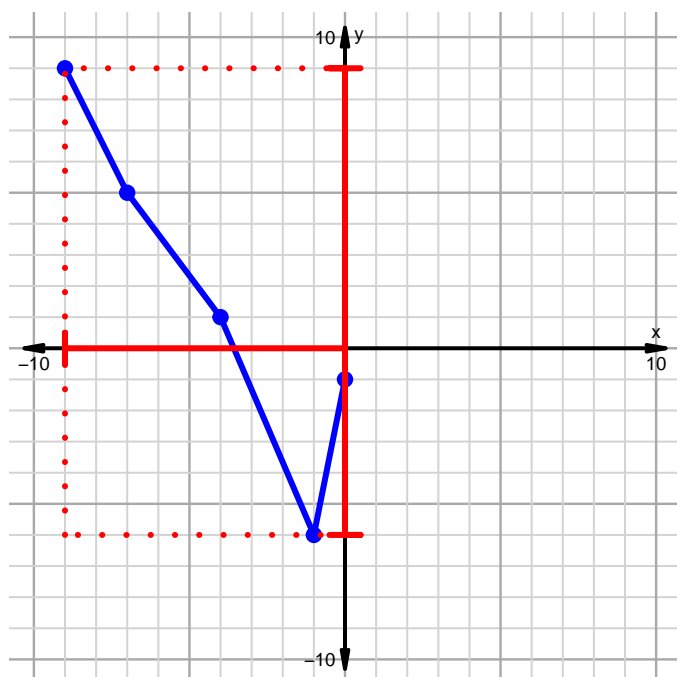


## Inverse, Even, Odd, Domain, Range Solution (version 45)

3. You've been given part of  $y = f(x)$ . Sketch the other half to make  $f$  **odd**.



4. Find the domain and range of the function shown below.



$$\text{Domain} = [-9, 0]$$

$$\text{Range} = [-6, 9]$$

Note: you do NOT need to draw lines on this last graph. You can just give domain and range.